



Welcome Talk

Fachschaft Physics/Astronomy
Winter Term 2026/2027
05.10.2026

Have you heard about the
“Fachschaft”?

by the way, I'm Henry

Student Council - *The Fachschaft*



What we are...

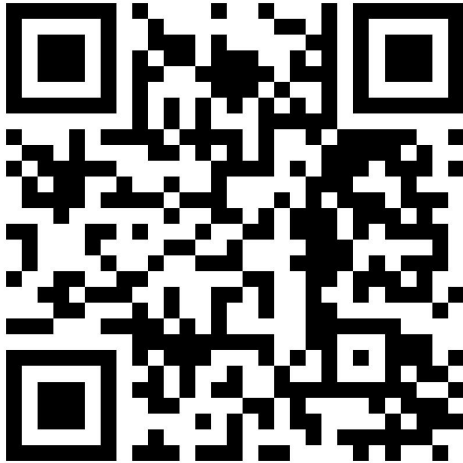
- a group of students
 - everything between first-years and PhDs
- involved in many of the intricate bits of the bureaucracy
 - part of department councils, meetings and decisions
- organizers of many events
 - this very week
 - community events like parties, barbecues and social networking activities
- help in nearly all things regarding physics or the studies here in Bonn
- not paid (sadly)
- doing it because we really like it.

The Room where it happens



- HISKP room 0.027: The Fachschaftsraum
- has all the necessary goods
 - throughout the semester: regular opening hours where help is (should be) available
 - a (new) printer (has a name...)
 - a coffee maker (instruction upon request)
 - we also do tea, no worries
 - small amount of workspace
 - PCs to interact with *the printer* (they have issues)
 - maybe even something else to drink

Socials



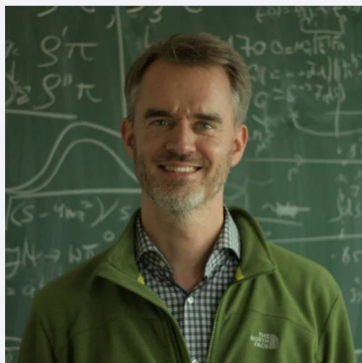
Website:
<https://www.fs-physik.uni-bonn.de/en>



Instagram: @fachschaft_physik_bonn

Lecturers of Trust

Kontakt



© Bastian Kubis

PD Dr. Bastian Kubis

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© Foto: Volker Lannert/Uni Bonn

Jun.-Prof. Lena Funke

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53115 Bonn

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Mail: lfuncke@uni-bonn.de

Welcome Week

step by step

What is time anyways?



Exams:

18:00 means **18:00**

18 s.t. means **18:00**

Lectures:

18 c.t. means **18:15**

Appointments:

18 Uhr means **18:15**



Today,
05.10.2025

10:00 - 11:00
HISKP
Lecture Hall
NOW

Welcome Talk:
How to: OE

11:15 - 11:45
HISKP Foyer

Campus tour

11:45 - 12:45
Mensa CAMPO

Lunch

from 12:45
HISKP Foyer

Laboratory tours



Tuesday,
06.10.2026

10 s.t. - 12:00
HISKP SR1

Q & A with us

12 s.t. - 13:00
HISKP SR3

BCGS Infotalk

13 s.t. - 14:00
Mensa CAMPO

Lunch (with BCGS)

14 s.t. - 18
HISKP SR1

**Boardgame
Afternoon**



Wednesday,
07.10.2026

11 s.t. - 13:00
HISKP SR1

**“Theoretical
Breakfast”**

13 s.t. - 14:00
HISKP SR1

**Meet “Diversity in
Physics”**



Friday,
08.10.2026

10 s.t. - 12:00
HISKP Foyer

Astro-Tour

12 s.t. - 14:30
outside the AlfA

Picknick

15 s.t. - 17:00
HISKP Lecturehall 1

**Student Advisor
Talk**
(15 s.t. Astro - 16 s.t. Physics)

from 17:30
behind HISKP

**“Meet your
Fachschafthler” (with
BBQ)**



Additional programs (Physics in the private sector)

Lecture Series

Thursdays, 17:30 - 19:00

Prof. Matthias Schott

Rotationsgebäude (ROT) lecture hall

What's there beyond academia with a
degree in physics?

Bonn-Cologne Graduate School

What is the BCGS?

- joined program of graduate studies between Bonn and Cologne
- it provides mentoring as well as social and scientific connections
- connects the phases of MSc and PhD to form one coherent concept

BCGS Talk:
Tuesday, 06.10., 12 s.t.
SR1

Bonn Office: Isabela Fox

gradschool.physics@uni-bonn.de

+49-228-73-2826

2.011 & 2.012,
HISKP
Nussallee 14-16
53115 Bonn

Opening hours Bonn

- Tuesday - Wednesday
09:30 - 14:00
- Thursday
10:00 - 14:00
- Closed on Monday and Friday.
Please contact us via email.

Dr. Svenja Wilden
HISKP 0.012

Bureaucracy

from *once in a lifetime* to *daily activity*

exam organisation physics bonn

×

Alle

Bilder

Videos

News

Bücher

Web

Finanzen

Suchfilter

Jetzt geöffnet

Top-Bewertung

Rollstuhlgerechter Eingang

Tipp: Ergebnisse in deutscher Sprache anzeigen. Informationen zum Filtern findest du hier.

Universität Bonn

https://www.physik-astro.uni-bonn.de > ... · Diese Seite übersetzen

exam-organization - Physik/Astr

Examination dates and deadlines. Here you registration/deregistration deadlines for course

Exam organization

For all enrolled students, the examination authority responsible for their degree program (examination board, in German *Prüfungsausschuss*) is an important point of contact. The Examinations Office (*Prüfungsamt*) is the office of the Examination Board and answers your questions about the examination procedure.

For example, we can help with problems with exam registration and deregistration. At the beginning of your studies,

Examination regulations and modules

Applications and forms

FAQ Bachelor's degree in Physics (in German)

FAQ Master of Science in Physics/Astrophysics

Anträge und Formulare

Bachelor of Science in Physik	Master Physik und Astrophysik
Antrag auf Zulassung zur Bachelorprüfung in Physik	Application form for admission to the master's examination Astrophysics ↓
Antrag zur Bachelorarbeit	Application form for admission to the master's examination Physics ↓
Bachelorarbeit Beispieltitelseite ↓	Application form master thesis Astrophysics ↓
Antrag auf Verlängerung Bachelorarbeit ↓	Application form master thesis Physics ↓
Bescheinigung Prüfungsunfähigkeit ↓	Application extension submission deadline Master's thesis ↓
Antrag auf Ausgleichsregel-Auslandssemester ↓	Master's Thesis Design ↓
Antrag zum Betriebspraktikum ↓	Colloquium form ↓
	Application form Research Project ↓

Alle

Jetzt ge

Tipp: Er

findest



Termin

Datum,

Prüfer*in

Datum	Veranstaltung	Bemerkung	Anmeldung ab	Anmeldung bis	Abmeldung bis	Anzahl Prüfer*innen
				Frist beendet		
				Frist endet in spätestens 7 Tagen		
				Frist läuft		
Sommersemester 2026, 1. Termin						
Sommersemester 2026, 2. Termin						
01.10.2026	astro811: Stars and Stellar Evolution	Zweiter Termin: 01.10.2026, 10 Uhr, HS, AIfA	27.07.2026	24.08.2026	02.09.2026	1
09.10.2026	astro821: Astrophysics Galaxies	Zweiter Termin: 09.10.2026, 14-17 Uhr, HS, AIfA	27.07.2026	24.08.2026	02.09.2026	1
Wintersemester 2026/2027, 1. Termin						
15.10.2026	Preparatory Lab Course		19.08.2026	15.10.2026	02.09.2026	1
10.02.2027	physik511: Physik IV	Klausurtermin: 10.02.2027, 13-15 Uhr, WPHS	01.10.2026	15.01.2027	02.02.2027	1
11.02.2027	physik321: Theorie II	Klausurtermin: 11.02.2027, 9-12 Uhr, WPHS	01.10.2026	15.01.2027	02.02.2027	1
15.02.2027	physics606: Advanced Quantum Theory	Klausurtermin: 15.02.2027, 12:30-16 Uhr, WPHS	01.10.2026	15.01.2027	02.02.2027	1
16.02.2027	physik111: Physik I	Klausurtermin: 16.02.2027, 13-15 Uhr, WPHS und HS ROT	01.10.2026	15.01.2027	02.02.2027	1
17.02.2027	physik521: Theorie IV	Klausurtermin: 17.02.2027, 9-12 Uhr, WPHS	01.10.2026	15.01.2027	02.02.2027	1
19.02.2027	physik311: Physik III	Klausurtermin: 19.02.2027, 10-12 Uhr, WPHS	01.10.2026	15.01.2027	02.02.2027	1
22.02.2027	math141: Mathematik I für Physiker	Klausurtermin: 22.02.2027, 9-12 Uhr, WPHS und HS ROT	01.10.2026	15.01.2027	21.02.2027	1
23.02.2027	math341: Mathematik III für Physiker	Klausurtermin: 23.02.2027, 10-12 Uhr, WPHS	01.10.2026	15.01.2027	22.02.2027	1
31.03.2027	physik471: Übersichtsprüfung Experimentalphysik Teil I		01.10.2026	15.01.2027	30.03.2027	1
31.03.2027	physik590/physik690: Bachelorarbeit		01.10.2026	15.01.2027	30.03.2027	1
31.03.2027	physik671: Übersichtsprüfung Experimentalphysik Teil II		01.10.2026	31.03.2027	31.03.2027	1
31.03.2027	physik681: Übersichtsprüfung Theoretische Physik		01.10.2026	15.01.2027	30.03.2027	1
Wintersemester 2026/2027, 2. Termin						

Registration opens

Registration until

Cancellation until

▼	Physik		
▶	Physik für Großeltern und andere Wissbegierige - lecture		
▶	Physics in the Private Sector - lecture		
▶	Mobile App Programmierung für Physiker und Physikerinnen - Block course		
▶	Physik mit dem Computer-Algebra-System SymPy - lecture		
▶	Bachelor of Science Physik		
▶	Lehramtsfach Physik (Bachelor)		
▶	Master of Science Astrophysik		
▼	Master of Science Physik		↑
▶	Base Module: Laboratory Course		
▶	Elective Courses Theoretical Physics		
▶	Specialization Module		
▶	Seminar		
▶	M Elective Adv. Lectures		
▶	Weitere Lehrveranstaltungen		
▶	Masterarbeitspraktika		
▶	Haupt- und Graduiertenseminare		

 You may register for exams or sign off from registered exams. You may change your registration.

 = Apply

 = cancel / change Selection

Your lectures in winter term 2025/26

Examination	Enroll/cancel
11. Prüfung: Registrierung MA-Astrophysik - schriftlich oder mündlich 8000 Master Thesis - Hausarbeit	
Prüfung angemeldet	
621216011 Preparatory Lab Course - keine Prüfung	 Apply
621217501 physics7501: Advanced Quantum Field Theory - schriftlich oder mündlich	 Apply
621217510 physics751: Group Theory - schriftlich oder mündlich	 Apply
- physics751: Group Theory Exam period 1 - no room specified - Prüfer/-in: Prof. Dr. Kubis, Bastian	
621217540 physics754: General Relativity and Cosmology - schriftlich oder mündlich	 Apply st. 2025
621217550 physics755: Quantum Field Theory - schriftlich oder mündlich	 Apply st. 2025
621217600 physics760: Computational Physics - schriftlich oder mündlich	 Apply
621317510 Exercises physics751 - keine Prüfung	



Favoriten

phys 999 Further Physics Module



physics612: Accelerator Physics

Introduction to the physics of particle accelerators. In Bonn we have two large particle accelerators on Campus - the Isochrono...

Veranstaltungszeitraum: 14. Okt 2025 - 6. Jan 2026

phys560 Modul physik560: Praktikum Atome, Moleküle, Kondensierte Materie



physik561: Praktikum Atome, Moleküle, Kondensierte Materie

Anmeldung: Keine Anmeldung möglich

physik561: Praktikum Atome, Moleküle, Kondensierte Materie



WiSe25/26 - 422: Rastertunnelmikroskopie

If you need advice

- Student Advisor: Prof. Drees
- BCGS Secretary: Isabela Fox
- Lecturers of Trust: PD Kubis & Prof. Funcke

Student Advisor Talk:
Thursday, 08.10., 15s.t.
HISKP SR1



Bonn Office Isabela Fox

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Nussallee 14-16
53115 Bonn

Opening hours Bonn

- Tuesday - Wednesday
09:30 - 14:00
- Thursday
10:00 - 14:00
- Closed on Monday and Friday.
Please contact us via email.

Prof. Dr. Jennifer Schober



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Prof. Dr. Manuel Drees



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<http://www.th.physik.uni-bonn.de/Groups/drees/>

Foreign student in Bonn

Department for International Students

Department for international students

international@asta.uni-bonn.de
Email

Staff

Ali Reda (Head of Department)
English, Deutsch, Arabic

Hassan Elsayed
English, عربي

Liliya Fedyayeva
English, Deutsch, русский, Italiano

Yasser Abd El Fatah
English, Deutsch, Arabisch

Aiym Jandybayeva (Deputy Head of Department)
English, Deutsch, русский, Қазақ тілі

Narges Mirzapour
English, فارسی

Anna Bubnova
English, Deutsch, русский, татарча

Elena Davydova
English, Deutsch, русский

Irina Cheheb
English, Deutsch, русский, 中文

Aqib Amir Khan
English, Urdu, Hindi, Punjabi

Room 12, Endenicher Allee 19
Container, 53119 Bonn
Place

Attendance Times

14:00 - 16:00 online
Monday

14:00 - 16:00
Thursday

Find us on: [Instagram](#)

Find us on: [Facebook](#)

Our consultation hour on: [Zoom](#)

Find us on: [WeChat](#) @ASTAinternationalBN



International students

The International Office provides counseling and support for international students and doctoral students for any organizational questions they face related to their studies and stay in Bonn.

International Service Point	Address
+49 228 73-5544	Poppelsdorfer Allee 53
study@uni-bonn.de	53115 Bonn (Germany)

Opening hours

Monday to Friday, 08:00 am - 04:00 pm

- Point of contact and service for students with international backgrounds
- Organizing body of activities



Website "Welcome Days"

MSc Physics in Bonn

Master of Physics									
Rheinische Friedrich-Wilhelms-Universität Bonn									
(valid from WS 2014/2015)									
		Course Phase							
		Compulsory		Elective					
1. Sem.	Oct	physics601: Advanced Laboratory Course		7 cp	Theoretical Physics (physics606 or - if done previously - 1 module out of physics751, physics754, physics755, physics760, physics7501)	7 cp	Specialization (at least 24 cp out of physics61a, -61b, -61c and/or physics62a, -62b, -62c)	24 cp	Elective Advanced Lectures (at least 18 cp out of physics70a, -70b, -70c, -70d)
	Nov								
	Dec								
	Jan								
	Feb								
2. Sem.	Mar								
	Apr								
	May								
	June								
	July								
	Aug								
	Sep								
			Research Phase						
3. Sem.	Oct	physics910: Scientific Exploration of the Master thesis topic					15 cp	physics920: Methods and Project P	
	Nov								
	Dec								
	Jan								
	Feb								
4. Sem.	Mar								
	Apr								
	May								
	June								
	July								
	Aug								
	Sep								

Degree:

M.Sc. in Physics (PO von 2014)

Module:

**Specialization: Advanced
Experimental Physics**

Module No.: physics62a

Course:


High Energy Collider Physics

Course No.: physics633

Category	Type	Language	Teaching hours	CP	Semester
Elective	Lecture with exercises	English	3+1	6	ST

Requirements for Participation:

Preparation:

physics611 (Particle Physics)

Form of Testing and Examination:

Requirements for the examination (written): successful work with the exercises

Length of Course:

1 semester

Aims of the Course:

In depth treatment of particle physics at high energy colliders with emphasis on LHC

Contents of the Course:

Kinematics of electron-proton and proton-(anti)proton collisions,
Electron-positron, electron-hadron and hadron-hadron reactions, hard scattering processes,
Collider machines (LEP, Tevatron and LHC) and their detectors (calorimetry and tracking),
the Standard Model of particle physics in the nutshell, fundamental questions posed to the LHC,
spontaneous symmetry breaking and experiment,
QCD and electroweak physics with high-energy hadron colliders,
Physics of the top quark, top cross section and mass measurements,
Higgs Physics at the LHC (search strategies, mass measurement, couplings),
Supersymmetry and beyond the Standard Model physics at the LHC
Determination of CKM matrix elements, CP violation in K and B systems,
Neutrino oscillations

Recommended Literature:

V. D. Barger, R. Phillips; Collider Physics (Addison-Wesley 1996)
R. K. Ellis, W.J. Stirling, B.R. Webber; QCD and Collider Physics (Cambridge University Press 2003)
D. Green; High PT Physics at Hadron Colliders (Cambridge University Press 2004)
C. Berger; Elementarteilchenphysik (Springer, Heidelberg 2nd revised edition 2006)
A. Seiden; Particle Physics A Comprehensive Introduction (Benjamin Cummings 2004)
T. Morii, C.S. Lim; S.N. Mukherjee Physics of the Standard Model and Beyond (World Scientific 2004)

MSc Astrophysics in Bonn

Master of Astrophysics

Rheinische Friedrich-Wilhelms-Universität Bonn

(valid from WS 2014/2015)

		Course Phase										
		Compulsory										
1. Sem.	Oct			astro608: Theoretical Astrophysics	7 cp	astro810/811: Stars and Stellar Evolution	6 cp	astro810/812: Cosmology	6 cp	Elective (at least astro810/811 and astro810/812)		
	Nov											
	Dec											
	Jan											
	Feb											
	Mar											
physics601: Advanced Laboratory Course												
2. Sem.	Apr	7 cp		astro830: Seminar		4 cp	astro820/821: Astrophysics of Galaxies	6 cp	astro820/822: Physics of the Interstellar Medium		6 cp	
	May											
	June											
	July											
	Aug											
	Sep											
		Research Phase										
3. Sem.	Oct	astro940: Scientific Exploration of the Master thesis topic				15 cp	astro950: Methods and Project Planning					
	Nov											
	Dec											
	Jan											
	Feb											
	Mar											
4. Sem.	Apr	astro960: Master Thesis										
	May											
	June											
	July											
	Aug											
	Sep											

Subject-specific study advisor for
astronomy



Prof. Dr. Jennifer Schober

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Any questions for now?
